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(54) Photopolymerizable composition for a color filter, color filter and liquid crystal display device

(57) A photopolymerizable composition for a color filter, which comprises a photopolymerization initiator system, a compound having at least one ethylenically unsaturated double bond, a colorant, and a phosphoric (meth)acrylate compound and/or an organic carboxylic anhydride having a molecular weight of at most 800, wherein the content of the colorant is from 20 to 90 wt% based on the total solid content.

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EUROPEAN SEARCH REPORT

Application Number
EP 96 11 6949

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	GB 2 094 329 A (HITACHI CHEMICAL COMPANY, LTD.) 15 September 1982 * page 2, line 19 - line 28 * * page 10; example 6 * * claims *	1,2,6-8	G03F7/027 G03C7/12
X	JP 58 054 335 A (NITTO DENKI KOGYO KK) 31 March 1983 * page 214; example 1 * & PATENT ABSTRACTS OF JAPAN vol. 7, no. 138 (P-204), 16 June 1983 & JP 58 054335 A (NITTO DENKI KOGYO KK) * abstract *	1,2,6,8	
X	EP 0 420 225 A (E.I. DU PONT DE NEMOURS AND COMPANY) 3 April 1991 * page 9; examples 2,3; table 1 *	1,6	
A,D	EP 0 564 168 A (JAPAN SYNTHETIC RUBBER CO., LTD.) 6 October 1993 * page 9, line 20 - line 22; claim 14 *	1-11	
A	FR 2 116 001 A (KANSAI PAINT COMPANY, LTD.) * page 32 - page 33 *	1-9	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 3 June 1997	Examiner J.-M. DUPART
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons * : member of the same patent family, corresponding document</p>			

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